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1449
10/15/2003
U.S. PATENT OFFICE

Sheet 1 of 8

1449	Attorney Docket No. C152 1111.1	Serial No. 10/616,750
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Filing Date July 10, 2003	Group 1225
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U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
9-HK	A	5,531,423	07/96	Crafton et al.	266	44	
	B	5,565,046	10/96	Crafton et al.	148	538	
	C	5,294,094	03/94	Crafton et al.	266	44	
	D	5,350,160	09/94	Crafton et al.	266	252	
	E	5,354,038	10/94	Crafton	266	44	
	F	5,439,045	08/95	Crafton	164	5	
	G	5,551,998	09/96	Crafton et al.	148	538	
	H	5,738,162	04/98	Crafton	164	5	
	I	4,340,433	07/82	Harding	148	16	
	J	4,604,055	08/86	Mackenzie	432	58	
	K	5,648,836	03/87	Thom	432	107	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
9-HK	L	2074022	09/85	Japan	—	—		
	M	5939464	08/82	Japan	—	—		
	N	59219410	12/84	Japan	—	—		
	O	5825860	02/83	Japan	—	—		
	P	5653867	05/81	Japan	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

9-HK	Q	Economical Used Energy Type Continuing Heat Treating Furnace For Aluminum Castings
		Dogyo - Kanetsu Vol. 21 No. 2 Pages 29-36 - March 1984
	R	Brochures describing Beardsley & Pipe PNEU-RECLAIM Sand Reclamation Units
		Prior to August 13, 1992
	S	Brochure describing Fataluminum Sand Reclamation Units - Prior to August 13, 1992

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

9-HK

DATE CONSIDERED:

3/14/05

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Attorney Docket No. C152 1111.1	Serial No. 10/616,750
				Applicant Lewis et al.	
				Filing Date July 10, 2003	Group 175

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
q.fcx	AM	2,988,351	06/61	Barnett et al.	263	40	
	AN	4,211,274	07/80	Slowinski et al.	164	401	
	AO	4,294,436	10/81	Takahashi	266	257	
	AP	3,534,946	10/70	Westerkamp et al.	263	28	
	AQ	4,577,671	03/86	Stephan	164	401	
	AR	4,544,013	10/85	Kearney et al.	164	5	
	AS	4,955,425	09/90	McKenna	164	269	
	AT	4,582,301	04/86	Wunning	266	87	
	AU	2,385,596	10/45	Barnett	34	13	
✓	AV	3,737,280	06/73	Cromp	432	14	
✓	AW	5,423,370	06/95	Bonnemersou et al.	164	132	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
q.fcx	AX	6092040	05/85	Japan	164	132		
	AY	4012158 11/1990	1989	Germany	164	5		
	AZ	1129012	07/82	USSR	—	—		
✓	BA	2914221	04/79	Germany	—	—		
✓	BB	1569152	06/80	UK	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

q.fcx	BC	On Sale Description regarding System of Consolidated Engineering System (before 8/13/92)
	BD	Sales brochure describing Thermfire Brand Sand Reclamation, Gudgeon Bros., Ltd.
		believed to be known to others prior to 09/89
	BE	Sales brochure describing Simplicity/Richards Gas-Fired Thermal Reclamation System
		Simplicity Engineering, Inc. - believed to be known to others prior to 09/89

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Form PTO-1449				Attorney Docket No. C152 1111.1	Serial No. 10/616,750
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Applicant Lewis et al.	
				Filing Date July 10, 2003	Group 6225

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
✓ Jax	BF	4,161,389	07/79	Staffin et al.	432	58	
	BG	4,519,718	05/85	Staffin et al.	374	45	
	BH	4,457,788	07/84	Staffin et al.	148	20.3	
	BI	5,378,434	01/95	Staffin et al.	422	141	
	BJ	5,018,707	05/91	Hemsath et al.	266	254	
	BK	4,161,389	07/79	Staffin et al.	432	58	
✓ Jax 4/8/07	BL	5,547,228	10/85	Girrell et al.	148	16	
	BM	4,671,496	06/87	Girrell et al.	266	78	
	BN	4,512,821	04/85	Staffin et al.	148	16.5	
	BO	4,524,957	06/85	Staffin et al.	266	252	
	BP	4,779,163	10/88	Bickford et al.	361	212	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
✓ Jax	BQ	2337894	11/74	Germany	B08b	7/04		
	BR	1,564151	04/80	UK	—	—		
	BS	2315958	04/74	Germany	B08b	5/00		
	BT	7043571	12/70	France	15/00	11/00		
✓	BU	1392405	04/75	UK	25/00	33/18		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

✓ Jax	BV	Sales brochure describing AirTrac Brand Fluidizing Conveyor, Air Trac Systems Corp., believed to be known to others prior to 09/89
	BW	Sales brochure describing Fluid Bed Calcifer Thermal Sand Reclamation Systems, Dependable Foundry Equipment Co. - Believed to be known to others prior to 09/89

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Form PTO-1449				Attorney Docket No. C152 1111.1	Serial No. 10/616,750
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Applicant Lewis et al.	
				Filing Date July 10, 2003	Group 1805

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
9/16	BX	5,169,913	12/92	Staffin et al.	526	65	
	BY	4,613,713	09/86	Staffin et al.	585	241	
	BZ	4,068,389	01/78	Staffin et al.	34	57A	
	CA	4,623,400	11/86	Japka et al.	148	6.35	
	CB	3,760,800	09/73	Staffin et al.	128	24.1	
	CC	4,830,605	05/89	Hodate et al.	431	170	
	CD	4,242,077	12/80	Hyre	431	19	
	CE	2,813,318	11/57	W. Horth	22	89	
	CF	4,681,267	07/87	Leidel et al.	241	23	
	CG	4,427,373	01/84	Di Rosa	432	58	
	CH	2,385,962	10/45	C.A. Barnett	34	13	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
9/16	CI	1197981	12/85	Canada	38	18		
	CJ	2104164	04/1998/99	Japan	—	—		
	CK	62110248	5/1981	Japan	—	—		
	CL	63108941	05/88	Japan	—	—		
✓	CM	2137114	10/84	UK	B01J8	268/36		

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Complete If Known

Application Number	10/616,750
Filing Date	July 10, 2003
First Named Inventor	Lewis, et al.
Art Unit	1725
Examiner Name	Ing-Hour Lin

Attorney Docket Number 2041219-0005

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
9/8/04	AS	US-3,124,452	03/1984	Kraft	
	AT	US-3,540,519	11/1970	Yates	
SG 11/8/04	AU	US-620,291-3,620,291	11/1971	Detachapelle	
	AV	US-3,883,702	02/1975	Hallerberg et al.	
	AW	US-3,958,619	05/1976	Petersen et al.	
	AX	US-4,222,429	09/1980	Kemp	
	AY	US-4,347,890	09/1982	Allin-Pyzik et al.	
	AZ	US-4,399,858	08/1983	Kurabe et al.	
	BA	US-4,548,256	10/1985	Glenn et al.	
	BB	US-4,607,091	08/1986	Schreiber	
	BC	US-4,629,708	12/1986	Alexander et al.	
	BD	US-5,143,665	09/1992	Clubbs et al.	
	BE	US-5,158,130	10/1992	Sahai	
	BF	US-5,204,648	03/1994	Smith et al.	
	BG	US-5,333,673	08/1994	Hughes	
	BH	US-5,573,055	11/1996	Melling et al.	
	BI	US-5,725,044	03/1998	Hirokawa	
	BJ	US-5,810,918	09/1998	Landis	
	BK	US-5,913,354	06/1999	Conroy et al.	
	BL	US-5,957,188	09/1999	Crafton	
	BM	US-6,139,619	10/2000	Zaretskiy	
	BN	US-6,338,809	01/2002	Crafton	
	BO	US-6,390,178	05/2002	Makino	
	BP	US-6,447,593	09/2002	Sargent et al.	
	BQ	US-6,469,299	10/2002	Chutjian et al.	
	BR	US-6,547,556	04/2003	Crafton et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
9/8/04	AH	EP 0 119 365 B1	09/1987			
	AJ	DE 38 18 188 A1	11/1987			
	AJ	(Japan) 5-189185	07/1993			
	AK	FR 2 814 814 A3	11/1988			
	AL	DE 32 15 809 C1	11/1988			
	AM	GB 2 248 588 A	04/1992			
	AN	WO 83 19870	10/1993			

Examiner Signature

J. J. Lin

Date Considered

4/5/06

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